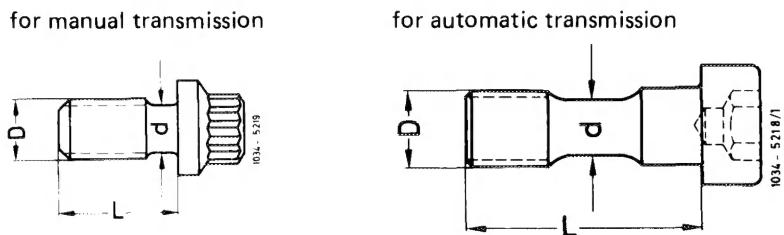


03--410 Removing and installing flywheel and driven plate

Necked-down screws



Part no.	615 032 05 71	108 990 03 19
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Thread dia. D	M 10 x 1
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Necked-down shank dia. d when new	8.5–0.2	7.7–0.2
min dia.	8.1	7.3

Length L	20	31
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Tightening torques

Initial torque	30–40 Nm
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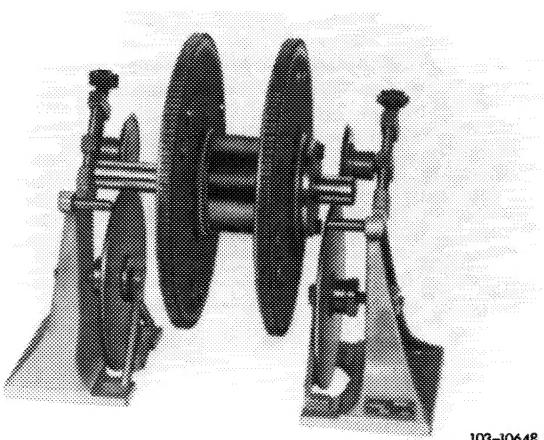
Angle of rotation torque	90–100°
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Special tools

Detent		110 589 00 40 00
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Note

If a new flywheel is installed, set to balancing condition of removed flywheel (03–440).

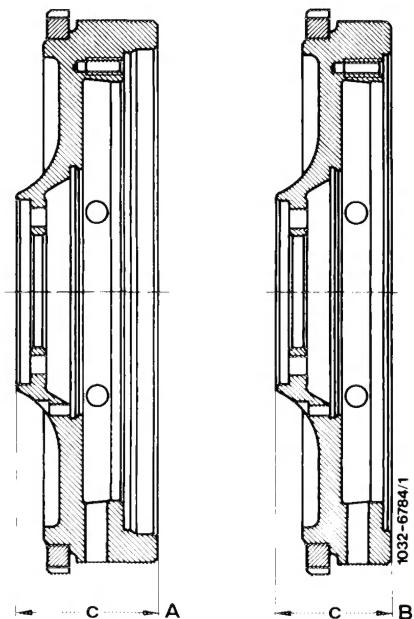


103-10648

The flywheel for manual transmission of engines 115.938/939 is lighter than the flywheel of engines 115.923/926/951 and 954.

The flywheels are identified by the different width of "dimension c".

- A Flywheel of engines 115.923/926/951/954
c = 73.5 mm
- B Flywheel of engines 115.938/939
c = 59.5 mm



Do not install lighter flywheel on engines 115.923/926/951 and 954.

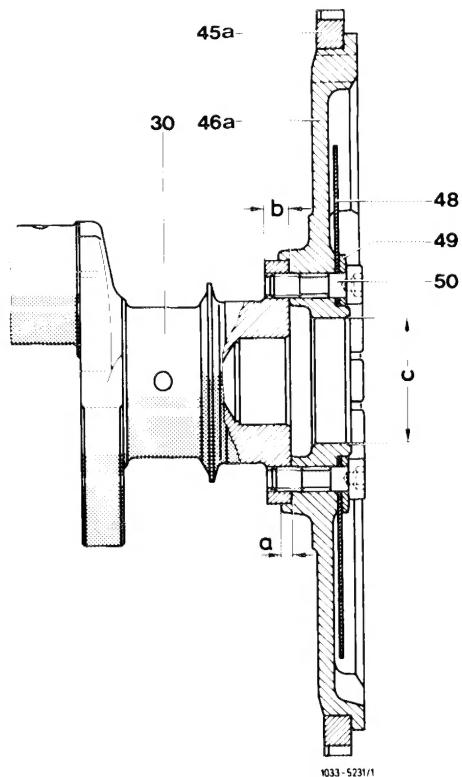
The flywheel for automatic transmission is the same on all engines.

Do not confuse this flywheel with flywheel of engine 110.

- | | |
|-------------|----------------------|
| Engine 115: | dimension a = 7.0 mm |
| Engine 110: | dimension a = 4.5 mm |

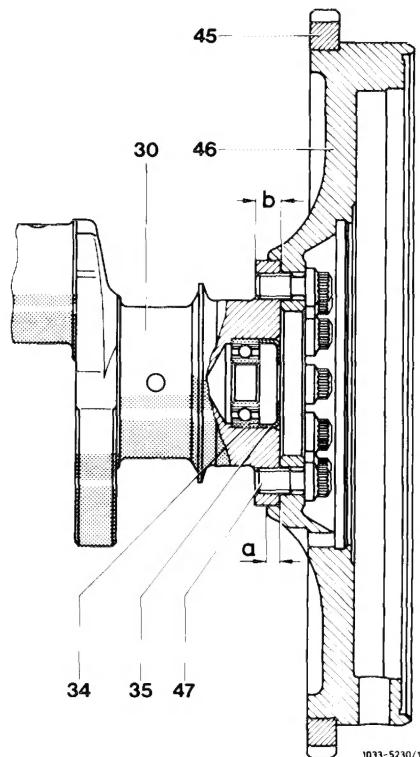
Layout of flywheel and driven plate for automatic transmission

30 Crankshaft	a 7 mm
45a Ring gear	b 10 mm
46a Flywheel	c 50 mm dia. (transmission
48 Driven plate	K 4 C 025)
49 Spacing washer	c 35 mm dia. (transmission
50 Necked-down screw	W 4 B 025)



Layout flywheel for manual transmission

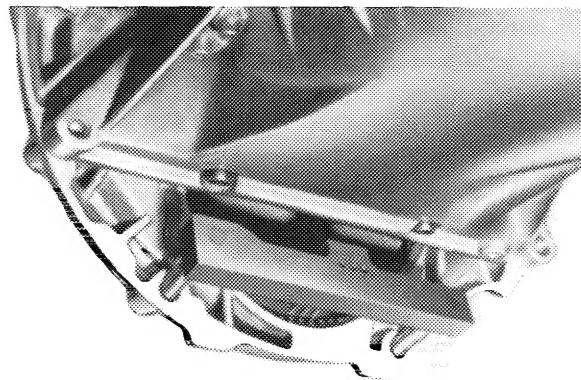
30 Crankshaft 46 Flywheel
34 Ball bearing 47 Necked-down screw
45 Closing ring a 6.5 mm
45 Ring gear b 10 mm



Removal

1 Removal transmission.

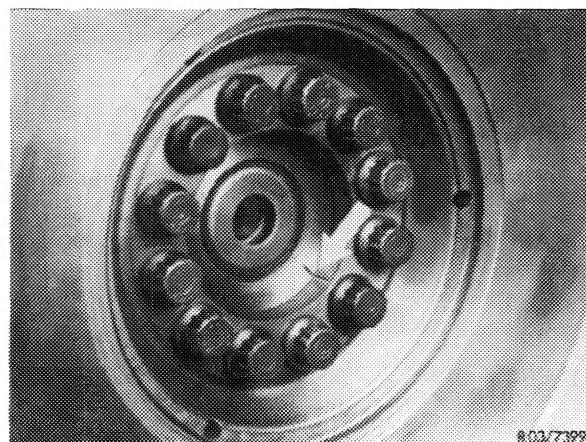
2 Insert detent on flywheel.



103-9243

3 Loosen necked-down screws, remove flywheel, driven plate and spacing washer.

Note: The flywheels are marked together with crank-shaft (arrow).



803/7399

Flywheel manual transmission

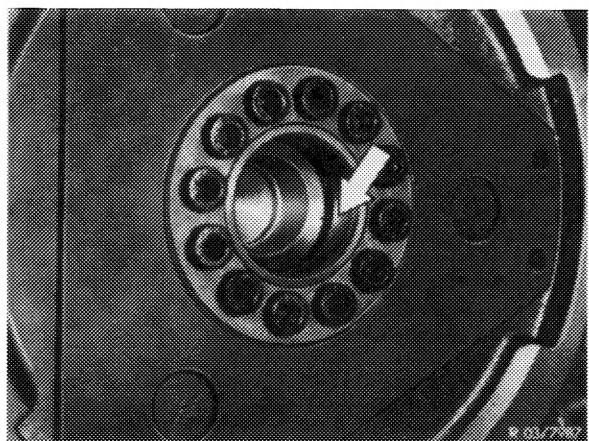
Installation

4 Measure necked-down shank dia. d of necked-down screws.

Replace necked-down screws when minimum dia. is attained.

5 Position flywheel, driven plate and spacing washer on crankshaft journal in such a manner that the markings are in alignment.

6 Screw in necked-down screws and tighten to 30–40 Nm.



Flywheel automatic transmission

7 Tighten to angle of rotation torque of 90–100°.

Flywheel and driven plate

